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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/646,533
	Filing Date	08/22/2003
	First Named Inventor	Kenneth COLLINS
	Art Unit	2813
	Examiner Name	Jack S. Chen
	Attorney Docket Number	006915/P02
Total Number of Pages in This Submission		5

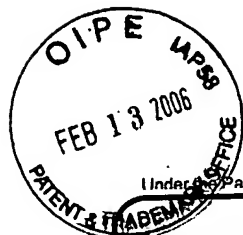
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Law Office of Robert M. Wallace		
Signature	<i>Robert M. Wallace</i>		
Printed name	Robert M. Wallace		
Date	02/08/2006	Reg. No.	29,119

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature	<i>Shelly Hart</i>		
Typed or printed name	Shelly Hart	Date	02/08/2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

**Complete if Known**

Application Number	10/646,533
Filing Date	08/22/2003
First Named Inventor	Kenneth COLLINS
Examiner Name	Jack S. Chen
Art Unit	2813
Attorney Docket No.	006915/P02

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 50-0338 Deposit Account Name: Michaelson & wallace

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☐ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)  
Each independent claim over 3 (including Reissues)  
Multiple dependent claims

Fee (\$)	Small Entity Fee (\$)
50	25
200	100
360	180

**Total Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**

\_\_\_\_ - 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20.

**Indep. Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**

\_\_\_\_ - 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
_____ - 100 = _____	_____ / 50 = _____	(round up to a whole number) x _____	= _____	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Submission of Information Disclosure Statement under 37 CFR 1.97(c)

**Fees Paid (\$)**

\$180.00

**SUBMITTED BY**

Signature	<u>Robert M. Wallace</u>	Registration No. 29,119 (Attorney/Agent)	Telephone 805-644-4035
Name (Print/Type)	Robert M. Wallace		Date <u>02/08/2006</u>

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

CERTIFICATE OF MAILING  
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on February 13, 2006 (Date of Deposit)  
02/08/06 Shelley B. Hunt  
Date Name

PATENT

Attorney Docket No.: 006915/P02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Kenneth COLLINS, et al. ) Group Art Unit: 2813  
Entitled: PLASMA IMMERSION ION )  
IMPLANTATION PROCESS USING A PLASMA )  
SOURCE HAVING LOW DISSOCIATION ) Examiner: Jack S. Chen  
AND LOW MINIMUM PLASMA VOLTAGE )  
Serial No.: 10/646,533 )  
Filing Date: August 22, 2003 )

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(c)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR 1.56, the references listed below and on the attached form PTO-1449 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. A copy of each foreign patent document and/or non-patent literature is enclosed.

This information is being submitted subsequent to the later of three months after the filing date of the present application or the mailing of the first Office Action on the merits, but before the mailing of a final action or the notice of allowance. Please see the attached USPTO Fee Transmittal for fee payment.

02/15/2006 DEMMANU1 00000024 500338 10646533

01 FC:1806 180.00 DA

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO-1449 with initials or other appropriate marks.

Respectfully submitted,



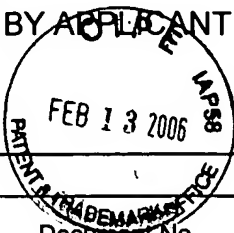
Robert M. Wallace  
Reg. No. 29,119  
Attorney for Applicants  
Customer No. 000044843

Dated: 02/08/2006

Robert M. Wallace  
Patent Attorney  
2112 Eastman Avenue, Suite 102  
Ventura, CA 93003  
(805) 644-4035

**INFORMATION  
DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet 1 of 1



Application Number: 10/646,533  
Filing Date: 08/22/2003  
First Named Inventor: Kenneth COLLINS, et al.  
Group Art Unit: 2813  
Examiner Name: Jack S. Chen  
Attorney Docket Number: 006915/P02

**U. S. PATENT DOCUMENTS**

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
	US-4,176,003	11-27-1979	BROWER ET AL.	430	313	02-22-1978
	US-4,579,618	04-01-1986	CELESTINO ET AL.	156	345	10-29-1984
	US-5,229,305	07-20-1993	BAKER	437	11	02-03-1992
	US-5,885,358	03-23-1999	MAYDAN ET AL.	118	723	07-09-1996
	US-5,958,140	09-28-1999	ARAMI ET AL.	118	725	07-26-1996
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	US-6,121,161	09-19-2000	ROSSMAN ET AL.	438	783	01-19-1999
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	US-6,645,828 B1	11-11-2003	FARRENS ET AL.	438	455	09-08-2000
	US-6,780,759 B2	08-24-2004	FARRENS ET AL.	438	635	10-01-2001
	US 2003/0029567 A1	02-13-2003	DHINDSA ET AL.	156	345.47	12-31-2001
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	US 2004/0036038 A1	02-26-2004	OKUMURA ET AL.	250	492.2	07-13-2003
	US 2004/0092084 A1	05-13-2004	RAYSSAC	438	455	10-30-2003
	US 2004/0126993 A1	07-01-2004	CHAN ET AL.	438	455	12-30-2002

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)
	EP 1 054 433 A1	22.11.2000	EUROPE	OHIRA, KOUCHI, ET AL.	N/A
	JP 04318168 A	11.09.1992	JAPAN	KUWABARA HAJIME	N/A
	JP 07130496 A	19.05.1995	JAPAN	KAZUMICHI SUZUKI	N/A
	JP 09186337 A	15.07.1997	JAPAN	NAKAHORI MASAKI	N/A

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	
	Chediak, Alex, et al., "SIMOX - The "Winner" for 300 mm SOI Wafer Fabrication", <i>TICS</i> 5, April 26, 2002, pp. 1-6.

Examiner's Signature:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.